

ATTACHMENT 3

Summary of Department Of Public Works Water Systems Operations

Table 1: Community Retail Systems

Name	Annual Water Production 2012-13	Conservation Metric Usage - AFY /Customer		Source(s) Of Supply	Risk Status / Conservation Needed
		Prior 5 years	Current 5 years		
County Service Area No. 10, Zone "A" South Cayucos (758 customers)	130 AFY	.18	.17	Whale Rock Nacimiento	2014 OK Voluntary
County Service Area No. 12, Avila Valley (17 active contractors)	125 AFY	N/A	N/A	Lopez	2014 OK Voluntary
County Service Area No. 16 Shandon (344 customers)	150 AFY	.47	.43	Groundwater	2014 OK Voluntary
County Service Area No. 23, Santa Margarita (538 customers)	177 AFY	.37	.32	Groundwater	2014 – "Alert" Voluntary

Table 2: Regional Wholesale Systems

Type of System	Description / Water Users			
Regional Wholesale Systems	Nacimiento Water Supply	Lopez Lake	State Water	Santa Margarita Lake
Participating Communities	Paso Robles, San Luis Obispo, Atascadero Mutual Water Company, Templeton CSD, CSA 10A (Cayucos),	Arroyo Grande, Pismo Beach, Grover Beach, Oceano CSD, CSA 12 (Avila Valley)	Morro Bay, Pismo Beach, Oceano CSD, CSA 16 (Shandon), County Operations, Cuesta College, CMC, San Luis Coastal USD, Avila Beach CSD, Avila Valley MWC	San Luis Obispo
Notes:	"Reserve Water" is available; monitor minimum pool requirement	Project is 100% allocated; anticipate downstream impacts on agriculture	0% allocation in 2014; stored water is being delivered; anticipate 2015 shut-down	

Table 3: County Operations Center

Type of System	Description / Water Users			
Institutional Distribution System	County Jails, Juvenile Hall, Honor Farm, EOC, Sheriffs Warehouse, Detective Bldg, Firing Range	El Chorro Regional Park PWD Water Quality Lab, Roads Yard, Vehicle Shop, Communications	County Office of Education,	Animal Control, Woods Humane Society, One private residence

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Table 4: Overview of efforts in comparison to the 20 measures established in the Governor’s drought declaration.

Governor Declaration # / Description	Potential Local Measure
#1. Conservation campaign to reduce consumption by 20%.	<ul style="list-style-type: none"> Conservation materials in water bills; expanded outreach by “Partners in Water Conservation”; http://www.slowaterwiselandscaping.com/Garden-Resources/partners.php Declaration of a local emergency will trigger “conservation rates” for County retail systems for mandatory measures An “Alert” has been enacted by DPW for CSA 23 (Santa Margarita)
#2. Local agencies should enact water shortage contingency plans.	<ul style="list-style-type: none"> An “Alert” has been enacted by DPW for CSA 23 (Santa Margarita) based on well levels and precipitation; Alert calls for voluntary reductions. Consider an emergency intertie between the CMC System and Nacimiento Water Project for use of Reserve Water as an emergency supply Consider intertie between CSA 23 (Santa Margarita) and Atascadero Mutual Water Company Outreach to farmers along Arroyo Grande creek to notify them of potential timing of reductions in downstream releases (also see #8)
#3. Conservation by governmental agencies.	<ul style="list-style-type: none"> Track water consumption with GSA to monitor effectiveness of conservation efforts
#4. & #5. Water transfers and the State Water Project.	<ul style="list-style-type: none"> Consider full deliver of “carry-over water” in 2014 (7,332 acre feet); utilize Lopez Reservoir via exchange with Lopez Water; utilize CCWA treatment and pipeline capacity at no cost in exchange for water; other exchanges to fully deliver all of the State Water carry-over water. Consider options for full delivery of 2014 Nacimiento allocation.
#6. Funding for projects and water conservation programs	<ul style="list-style-type: none"> Identify to DWR and other state agencies projects for funding including a) CMC intertie with Nacimiento b) CSA 23 intertie with AMWC Coordinate with other local agencies on funding requests for projects that are independent of the County
#7. State Water Board (SWB) direction on water rights	<ul style="list-style-type: none"> No DPW systems have received notices. SWB has commented on Paso Basin and included it in the budget request associated with proposed groundwater management. State Water supplies (i.e. carry-over water) of 7,332 could be redirected to other communities in the State based on health and safety determinations; DPW is corresponding with DWR on local health and safety needs to enhance local delivery of carry-over water
#8. SWB will consider modifying downstream release requirements for fisheries	<ul style="list-style-type: none"> No modification to downstream release requirement from Santa Margarita since requirements also benefit Paso Basin groundwater recharge (i.e. not specifically for fisheries). No modification to downstream release program for Lopez is needed since it has not been formally adopted by SWB; as a result, communications with NOAA pursuant to Interim Downstream Release Schedule (which already includes reduced downstream releases when reservoir levels drop).
#10. Department of Public Health (DPH) assistance on drinking water and emergency interties	<ul style="list-style-type: none"> DPW will identify emergency intertie options (see #2 above) and provide information to Department of Public Health
#11. Department of Water Resources (DWR) evaluation of groundwater basins	<ul style="list-style-type: none"> DPW will coordinate with the Department of Water Resources
#12. DWR Coordination with well drillers to provide timely notice of water shortage areas	<ul style="list-style-type: none"> DPW will coordinate with DWR County efforts are already seeking this information in identifying wells that are going dry
#9, #13, #14, #15, #16, #17, #18, #19, #20	<ul style="list-style-type: none"> n/a for DPW